

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/587,452
Source: IFWP
Date Processed by STIC: 8/7/06

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IFWP

RAW SEQUENCE LISTING

DATE: 08/07/2006

PATENT APPLICATION: US/10/587,452

TIME: 09:56:46

Input Set : A:\004974.01205 sequence listing.txt

Output Set: N:\CRF4\08072006\J587452.raw

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3 <110> APPLICANT: Bayer HealthCare AG
5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
6   Kallikrein 2 (KLK2)
8 <130> FILE REFERENCE: BHC 04 01 020
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/587,452
C--> 10 <141> CURRENT FILING DATE: 2006-07-27
10 <160> NUMBER OF SEQ ID NOS: 5
12 <170> SOFTWARE: PatentIn version 3.2
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 786
16 <212> TYPE: DNA
17 <213> ORGANISM: Homo sapiens
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21 atccagtctc ggattgtggg aggctgggag tgtgagaagc attcccaacc ctggcagggtg      120
22 gctgtgtaca gtcattggatg ggcacactgt ggggggtgtcc tgggtgcaccc ccagtgggtg      180
23 ctcacagctg cccattgcct aaagaagaat agccaggctc ggctgggtcg gcacaacctg      240
24 tttgagcctg aagacacagg ccagagggtc cctgtcagcc acagcttccc acaccgcctc      300
25 tacaatatga gccttctgaa gcatcaaagc cttagaccag atgaagactc cagccatgac      360
26 ctcatgctgc tccgcctgtc agagcctgcc aagatcacag atgttgatgaa ggtcctgggc      420
27 ctgcccaccc aggagccagc actggggacc acctgctacg cctcaggctg gggcagcatc      480
28 gaaccagagg agttcttgcg cccaggagt cttcagtgtg tgagcctcca tctcctgtcc      540
29 aatgacatgt gtgctagagc ttactctgag aagggtgacag agttcatgtt gtgtgctggg      600
30 ctctggacag gtggtaaaga cacttggtggg ggtgattctg ggggtccact tgtctgtaat      660
31 ggggtgcttc aaggtatcac atcatggggc cctgagccat gtgccctgcc tgaaaagcct      720
32 gctgtgtaca ccaagggtgt gcattaccgg aagtggatca aggacaccat cgcagccaac      780
33 ccctga
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36 <211> LENGTH: 261
37 <212> TYPE: PRT
38 <213> ORGANISM: Homo sapiens
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41 Met Trp Asp Leu Val Leu Ser Ile Ala Leu Ser Val Gly Cys Thr Gly
42 1                    5                    10                    15
43 Ala Val Pro Leu Ile Gln Ser Arg Ile Val Gly Gly Trp Glu Cys Glu
44                20                25                30
45 Lys His Ser Gln Pro Trp Gln Val Ala Val Tyr Ser His Gly Trp Ala
46                35                40                45
47 His Cys Gly Gly Val Leu Val His Pro Gln Trp Val Leu Thr Ala Ala
48                50                55                60
49 His Cys Leu Lys Lys Asn Ser Gln Val Trp Leu Gly Arg His Asn Leu
50 65                70                75                80
51 Phe Glu Pro Glu Asp Thr Gly Gln Arg Val Pro Val Ser His Ser Phe

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| | | | | | | | |
|-----|---|-----|-----|-----|-----|-----|-----|
| 52 | | 85 | | 90 | | 95 | |
| 53 | Pro His Pro Leu Tyr Asn Met Ser Leu Leu Lys His Gln Ser Leu Arg | | | | | | |
| 54 | | 100 | | 105 | | 110 | |
| 55 | Pro Asp Glu Asp Ser Ser His Asp Leu Met Leu Leu Arg Leu Ser Glu | | | | | | |
| 56 | | 115 | | 120 | | 125 | |
| 57 | Pro Ala Lys Ile Thr Asp Val Val Lys Val Leu Gly Leu Pro Thr Gln | | | | | | |
| 58 | | 130 | | 135 | | 140 | |
| 59 | Glu Pro Ala Leu Gly Thr Thr Cys Tyr Ala Ser Gly Trp Gly Ser Ile | | | | | | |
| 60 | 145 | | 150 | | 155 | | 160 |
| 61 | Glu Pro Glu Glu Phe Leu Arg Pro Arg Ser Leu Gln Cys Val Ser Leu | | | | | | |
| 62 | | 165 | | 170 | | 175 | |
| 63 | His Leu Leu Ser Asn Asp Met Cys Ala Arg Ala Tyr Ser Glu Lys Val | | | | | | |
| 64 | | 180 | | 185 | | 190 | |
| 65 | Thr Glu Phe Met Leu Cys Ala Gly Leu Trp Thr Gly Gly Lys Asp Thr | | | | | | |
| 66 | | 195 | | 200 | | 205 | |
| 67 | Cys Gly Gly Asp Ser Gly Gly Pro Leu Val Cys Asn Gly Val Leu Gln | | | | | | |
| 68 | | 210 | | 215 | | 220 | |
| 69 | Gly Ile Thr Ser Trp Gly Pro Glu Pro Cys Ala Leu Pro Glu Lys Pro | | | | | | |
| 70 | 225 | | 230 | | 235 | | 240 |
| 71 | Ala Val Tyr Thr Lys Val Val His Tyr Arg Lys Trp Ile Lys Asp Thr | | | | | | |
| 72 | | 245 | | 250 | | 255 | |
| 73 | Ile Ala Ala Asn Pro | | | | | | |
| 74 | | 260 | | | | | |
| 76 | <210> SEQ ID NO: 3 | | | | | | |
| 77 | <211> LENGTH: 20 | | | | | | |
| 78 | <212> TYPE: DNA | | | | | | |
| 79 | <213> ORGANISM: artificial sequence | | | | | | |
| 81 | <220> FEATURE: | | | | | | |
| 82 | <223> OTHER INFORMATION: forward primer | | | | | | |
| 84 | <400> SEQUENCE: 3 | | | | | | |
| 85 | ctgaagacac aggccagagg | | | | | | 20 |
| 87 | <210> SEQ ID NO: 4 | | | | | | |
| 88 | <211> LENGTH: 20 | | | | | | |
| 89 | <212> TYPE: DNA | | | | | | |
| 90 | <213> ORGANISM: artificial sequence | | | | | | |
| 92 | <220> FEATURE: | | | | | | |
| 93 | <223> OTHER INFORMATION: reverse primer | | | | | | |
| 95 | <400> SEQUENCE: 4 | | | | | | |
| 96 | atgaggtcat ggctggagtc | | | | | | 20 |
| 98 | <210> SEQ ID NO: 5 | | | | | | |
| 99 | <211> LENGTH: 23 | | | | | | |
| 100 | <212> TYPE: DNA | | | | | | |
| 101 | <213> ORGANISM: artificial sequence | | | | | | |
| 103 | <220> FEATURE: | | | | | | |
| 104 | <223> OTHER INFORMATION: probe | | | | | | |
| 106 | <400> SEQUENCE: 5 | | | | | | |
| 107 | ccctgtcagc cacagcttcc cac | | | | | | 23 |

VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date